



Blockout

PORTABLE TOILET TREATMENT CONCENTRATE

HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA.

1. IDENTIFICATION:

PRODUCT NAME: BLOCKOUT – PORTABLE TOILET TREATMENT

Other Names: CORROSIVE LIQUIDS N.O.S
UN No.: 1760
Hazchem Code: 2R
Sub. Risk: NA
Packaging Group: II
Poison Schedule: S5
P.H. 5.5
D.G. CLASS 8

Product Type:

Uses: Portable toilet treatment

PHYSICAL APPEARANCE & PROPERTIES:

Appearance & Odour: Dark blue liquid/Fruity odour
Melting/softening point: Approx. 100°C
Boiling point /Melting point: Approx. 100°C
Percent volatiles: Water component
Flashpoint: Does not burn
Specific gravity: 1.02
Solubility in water: Complete soluble
Vapour Pressure: 17.8mm Hg at 20°C

INGREDIENTS:

Chemical Entity:	CAS.No.	Proportion %	Worksafe Exposure Limits	
			TWA mg/m ³	STEL mg/m ³ peak
Glutaraldehyde	111-30-8	1-10%	0.82	
Quaternary Ammonium Compound	68424-85	5-30%	not set	not set
Perfume Proprietary Blend	Prop. Blend	1-10%	not set	not set
Colour Proprietary Blend	-	1-10%	-	-
Non Hazardous Proprietary Substance	-	-	1-20%	-
Water	7732-18-5	to 100%	not set	not set

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2. HEALTH HAZARD DATA:

HEALTH EFFECTS: No adverse effects if the product is handled in accordance with this MSD Sheet. No specific data is available for the product for chronic exposure symptoms. The ingredients are not listed as carcinogenic in Worksafes document. "Exposure Standards for Atmospheric Contaminants in the Occupational Environment"(May 1995). This material contains glutaraldehyde, classified by Worksafe Australia criteria as a sensitizer. Over exposure of this product could cause dermatitis or an allergy to develop in some cases.

Swallowed: Data suggests product should be considered to be low toxic by ingestion.

Eye: Liquid may cause severe and persistent conjunctivitis appearing excessive redness and marked swelling of the conjunctiva with excessive discharge. May cause severe corneal damage which could permanently impair vision if not treated with first aid.

Skin: Brief contact causes itching. Data suggests that prolonged exposure may result in absorption.

Inhalation: Vapour is irritating to the respiratory tract. It causes stinging sensations to the nose and throat.

Primary: Route of exposure is inhalation and skin and eye contact. Eyewash stations should be made available with use of this product.

First Aid: If poisoning occurs, contact a doctor or Poisons Information Centre. 13. 11 26.

Swallowed: DO NOT induce vomiting. Rinse mouth with water. Give a glass of water. Seek medical advice.

Eyes: If this product contacts eyes hold open and flush with running water at least 15 minutes. Ensure irrigation under eyelids by lifting them occasionally. Do not remove contact lenses unless trained.

Skin: If this product contacts skin, wash skin thoroughly with soap and water. Remove contaminated footwear and clothing. Must wash contaminated clothing thoroughly before wearing again.

Inhalation: If dusts, mists or combustion materials are inhaled, remove to fresh air. Lay victim down keep warm and rested. If breathing is shallow or stopped clear the airway and apply resuscitation or oxygen if available. Transport to hospital or doctor immediately.

Advice to Doctor: Treat as per symptoms. This product classified as a sensitizer.

3. PRECAUTIONS FOR USE

Risk Phrases: R43 - may cause sensitization by skin contact.

Safety Phrases: S24 - avoid contact with skin

Exposure Standards: a TWA value of 0.82 and a peak STEL value has been established for a significant ingredient of this product. Values expressed as mg/m³ Exposure values at the STEL is a value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times a day.

There should be at least 60 minutes between successive exposures at the STEL. Exposure values at the TWA means the average airborne concentration of a particular substance when calculated over a normal 8 hour work day or a 5 day work week. The term peak is used when the TWA limit because of the rapid action of the substance, should never be exceeded even briefly (see under ingredients).

Engineering Controls: In industrial settings concentration values below the TWA should be maintained. Values may be reduced by process modification use of local exhaust ventilation capturing substances at the source etc. If airborne concentrations of mists, dusts or vapour are high modify the process of environment to reduce the problem.

Respiratory Protection: Usually safe without respiratory protection. However circumstances might occur where a mask or other protection is needed. Use wisdom in these circumstances.

Protective Gloves: Rubber, PVC etc. should be used when handling product.

Eye Protection: Eye protection must be worn while using this product. If not used eye damage may occur.

Clothing: Clean apron and or overalls should be worn, preferably with an apron.

Safety Boots: Safety boots are advised.

Flammability: Does not burn .



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4. SAFE HANDLING INFORMATION

Storage & Transport: No special storage and transport requirements. This material is classed as an S5 Poison. Observe appropriate state laws for storage transport and sale. Keep away from extreme heat or open flames.

Spills & Disposals: Clean up spills and or leaks. Prevent product from entering waterways or drains.

Waste Disposal Method. Wear full mask and overalls. If safe to do so stop leak and contain spill. Apply vermiculite. Put waste product into labeled containers. This product may be suitable for appropriate landfill. Slippery on floors especially when wet.

Empty Containers: Dispose or recycle containers according to state laws.

SIERRA PTY LTD DOES NOT ACCEPT LIABILITY SHOULD ANY METHOD OF DISPOSAL CONTRAVENE ANY LOCAL OR STATUTORY REGULATION AND STRONGLY SUGGESTS THAT AT ALL TIMES THE USER CONSULT WITH THE APPROPRIATE AUTHORITY PRIOR TO DISPOSAL.

Fire Explosion Hazard: There is no explosion and fire hazard with this product under normal circumstances.

Flashpoint: Does not burn.

Fire Extinguisher: Use chemical appropriate for burning material.

Special Fire Fighting Methods: Use full protective clothing facemask face shield and gloves.

Unusual Fire & Explosion Hazards: Little or no risk of explosion if this product involved in fire. Bi-products for decomposition are corrosive and toxic.

Stability: Stable.

Polymerisation: Will not polymerise

List of Dangerous Decomposition or Combustion Products: Carbon dioxide, nitrogen gas, carbon monoxide and smoke, nitrogen oxides hydrogen chloride gas, water chlorides. Generally decomposes only after drying from heat followed by strong heating.

THIS INFORMATION IS PRESENT IN GOOD FAITH AND IS BELIEVED TO BE CORRECT AS OF THE DATE ISSUE. IT IS SUPPLIED ON THE CONDITION THAT THE RECEIVER WILL DETERMINE ITS SUITABILITY FOR HIS PURPOSE BEFORE USING THIS PRODUCT. NO LIABILITY IS ACCEPTED FOR ANY LOSS, INJURY OR DAMAGE ARISING FROM THE USE OF THE ABOVE INFORMATION.

Contact

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